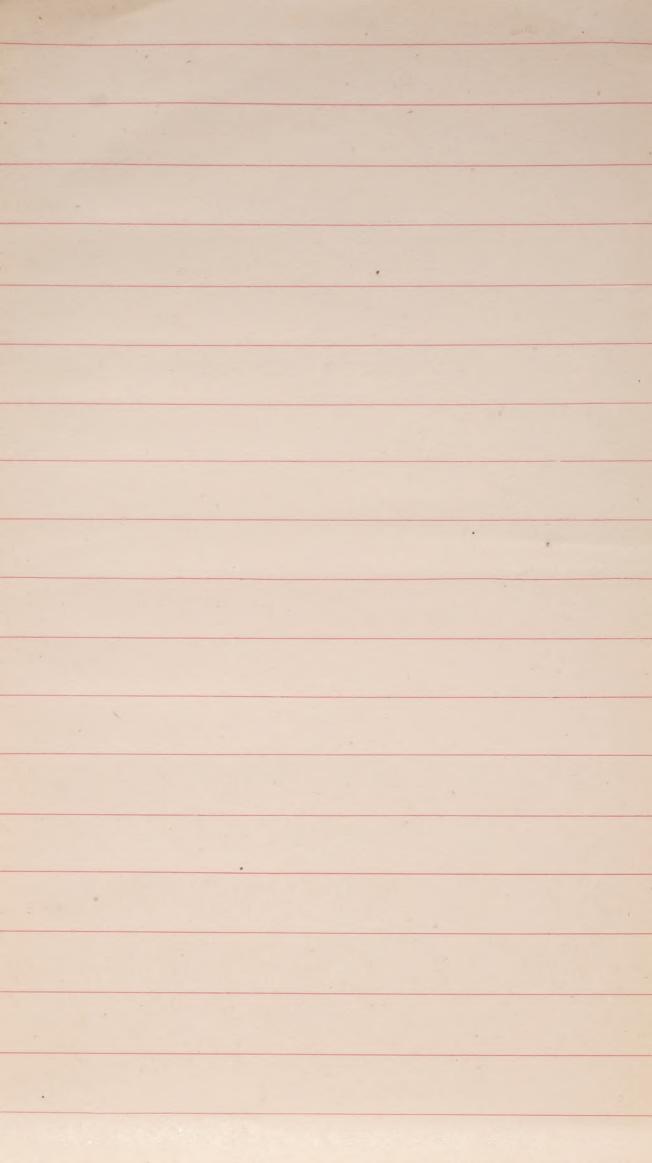
-2 a lebestr. E, Blacow.

Insti-n the Buds of Hawaii

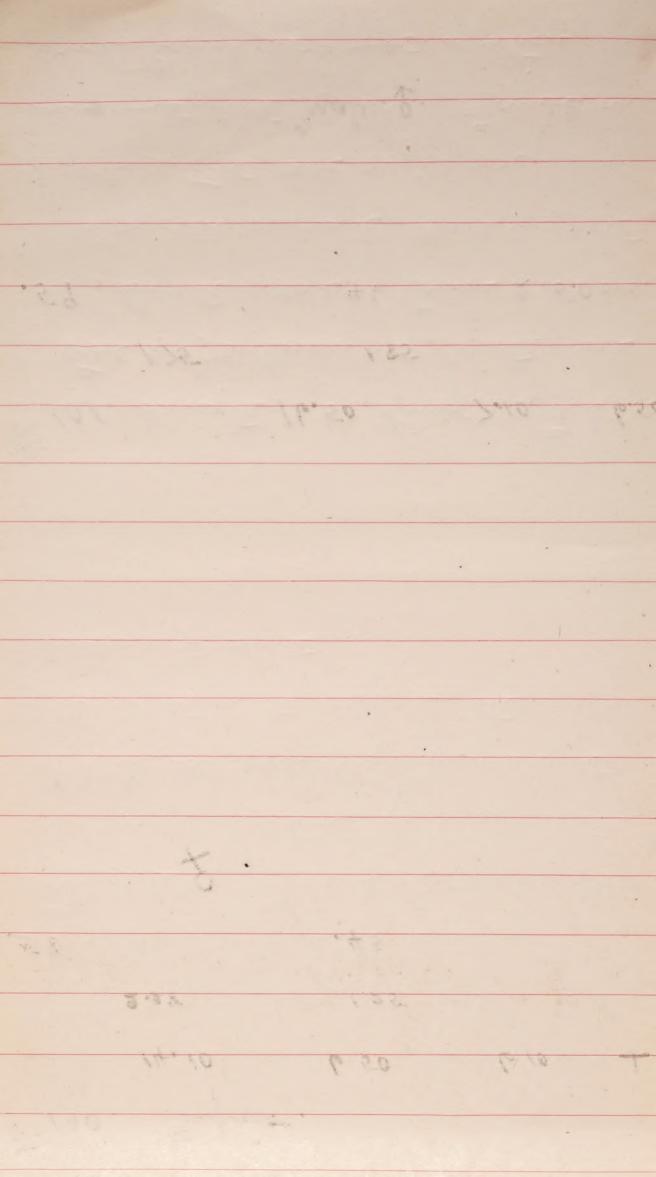
Stenographic Notes.



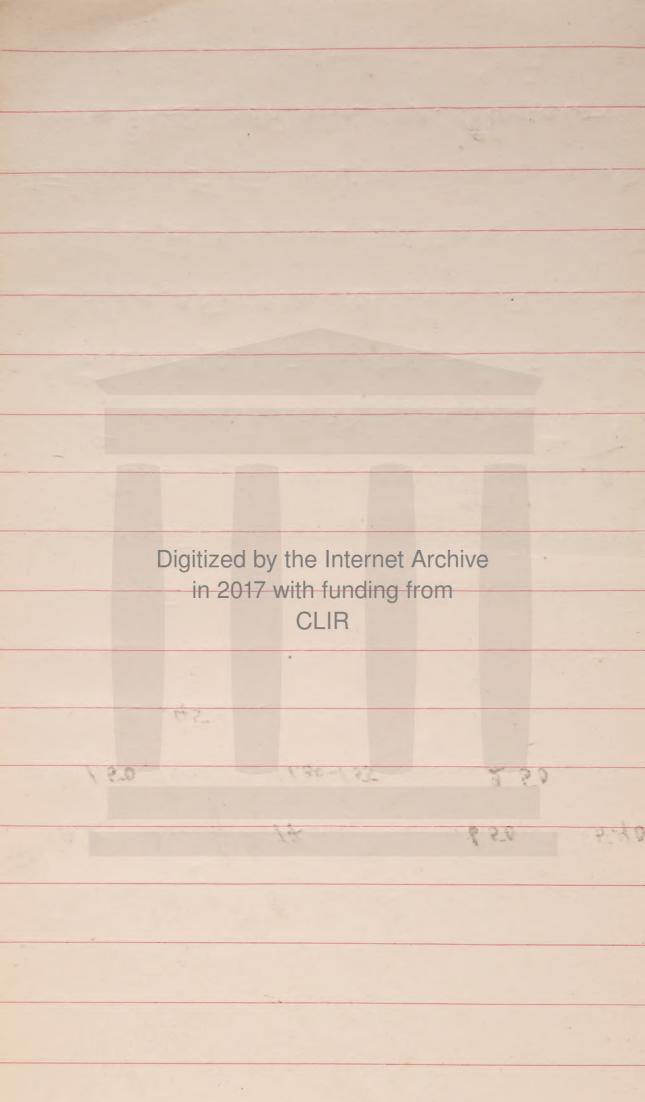
Digus 8 - males. 8, g. p. = females fot = syst unknown. F. - specia uncutain. 1 - young buds - totalformed a disceased.



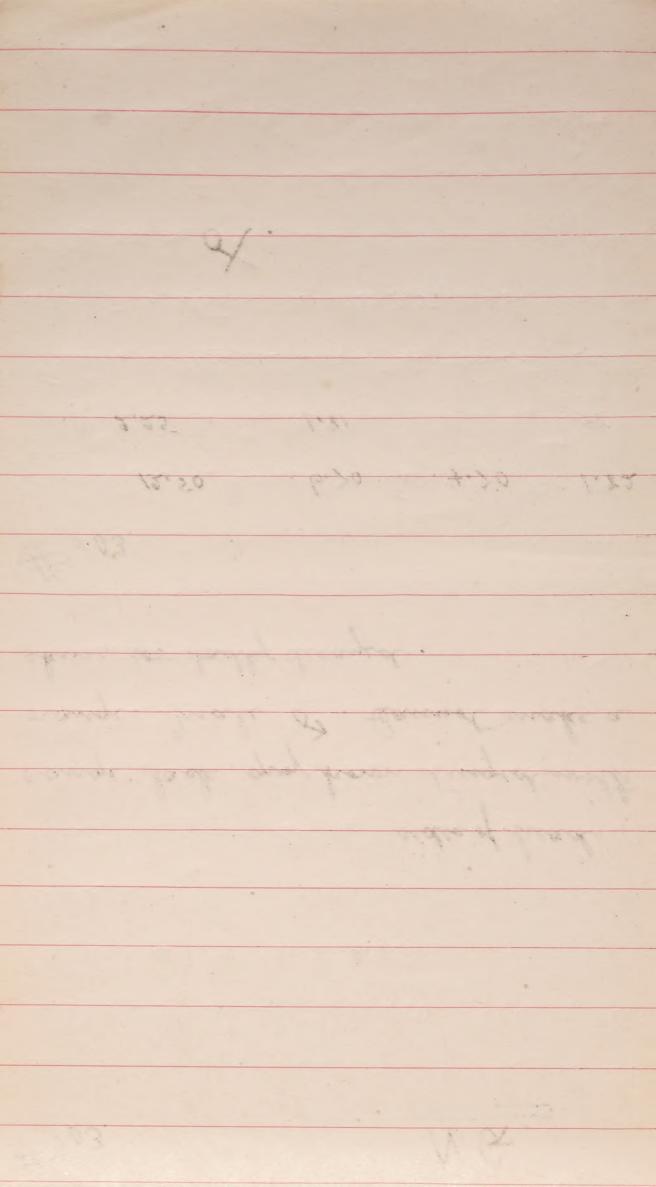
7/100. Elepaio. Lingth 14.10, Wing 6, 50, loul 6, 10, Toe + Tarsus 2.28, Ceulmen 1.25, width of beals .58 Llefth of beak . 43 cm. Amale 2 Found on Somes Ranch at 4000ft elevation, in Ohia hies on Dic, 25, 1903. Possiflyfin adult bud, white on the forehead, etc. upper toil courts white. 101. Sungth 16,50, Wing 7.10, Jul 6.50 Toe 1.75, Culmun 1.85, Width of beak .59, Depthof beak, 46 Tarsus, 2, 50 cm. White on the forehead, black I white on the theoat, back grey bown, upper tout coverts white, male . g. Found on Moneis Rauch, at 4000 ft. elevation, on



Dic. 25, 1903 * 102. Lungth 14 cm, Wing 6,50, Tail 5.90 Tre 1.50, Culmen 1.30-1.55, Farsus 2,50, Depth of beak . 45 cm Color, bown, washed with gruyosh chocklate, on back, wrong, head, etc, chockolate brown on uppn loul coverte, whitish on induside Annale . q. Loundon Homeis Rouch, m Com fuld, at about 4000 ft elevation on Dic, 25, 1908. Belongs to one of the two species that are supposed to what Hawaii; and is different from nos. 100, and 101. Celeparo.



103. Poerthya N.G. Carpodacus mexicames obscurus. Lingth 15.cm, Wmg/. 80, Jail 6, 10, For 1, 60 Jasus 1.75 Culmen 1.0> Depth of beak. 85. Upper tail courts scarlet aange, lores, elightoliveguen etc. sides of head orange; back, ony hown truged with orange. male or. Cannot make a skur, lov badly desayed. # 103. Spapane. dungth 12.50 Wing 6.70 tail 4.70 For 1.82 Farsus 2,25 Centimen 1.81 Defite of beaks 48 on Found on Morneis Ranch, in Comfildat 4000 ft elevation, on Dec, 25, 1903 Finale of.



104. 17.16, 10.60, 21.7,35, 2.41 Mix were less were male, 8. Foundon Hornis Ranch dleg 25, 1903, in com-filed at 4000 fut Dec. 29. 1903
From now on all measurements in INCHES.
#
105. Quail. dugt 7.3,5 / mg 4.50. Fail 4. 60 Tol. 1.5 / ausus 1.25 fealment, Depth of beak. 305 makes Adult male of. Found on Homers Ranch, at >500 ft elevation on Mrc. 27.1903 at 3,10 P. hr. on an old head Roalite.



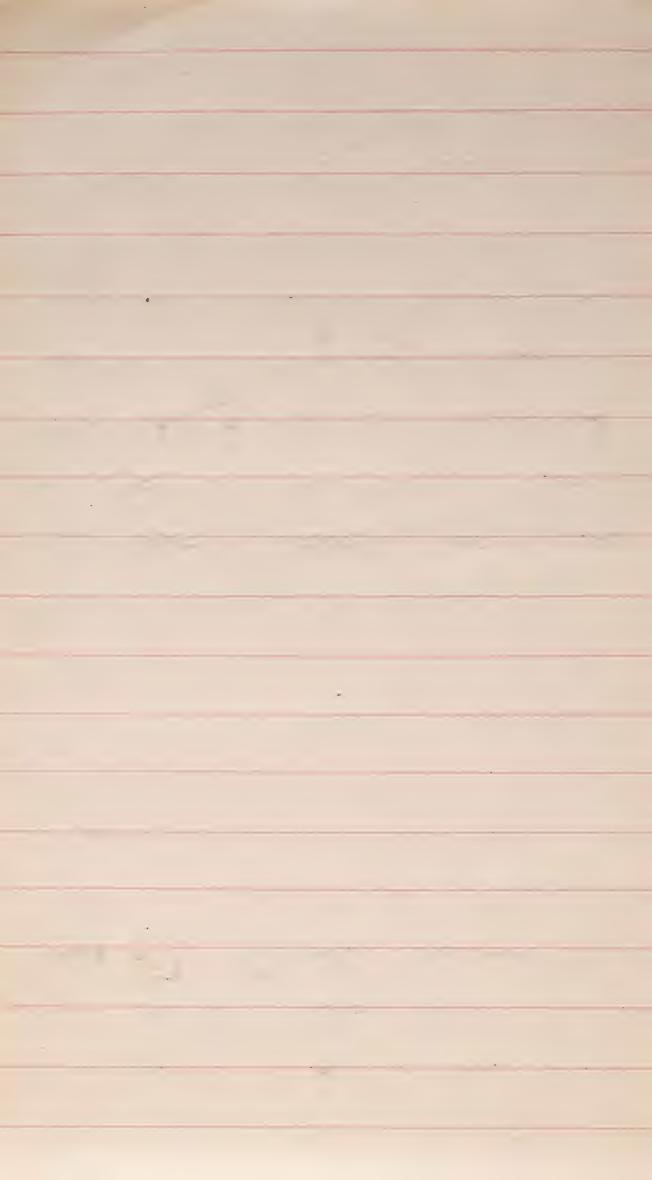
106. A new bud. dength 4.42, Hung 2.65, Tail 1.30, Joe.63 Centrum. 66, Jarous . 88 Defith of beak. 20; drugth of And tow with claw .53. mohus. Munace. J. Tound about halfway beliver Pokin and the hill to the S.E. of it along the stone fence, and about 4 of a mile down from the funce along the upper district lines had at the Lot of a small hollow; in the Tramame bushes: on Harris Ranch, Harrakua, Dawaii on Dic. 27. 1903, at about > 500 ful elevation or que is Inbelow like those of the tehloodrepan Bill curved en ular to them (lelchrodrefrais.) . in the contract of the contract. 64. har je charier et sisterlaise, alone in Line of # 12 distance durante.



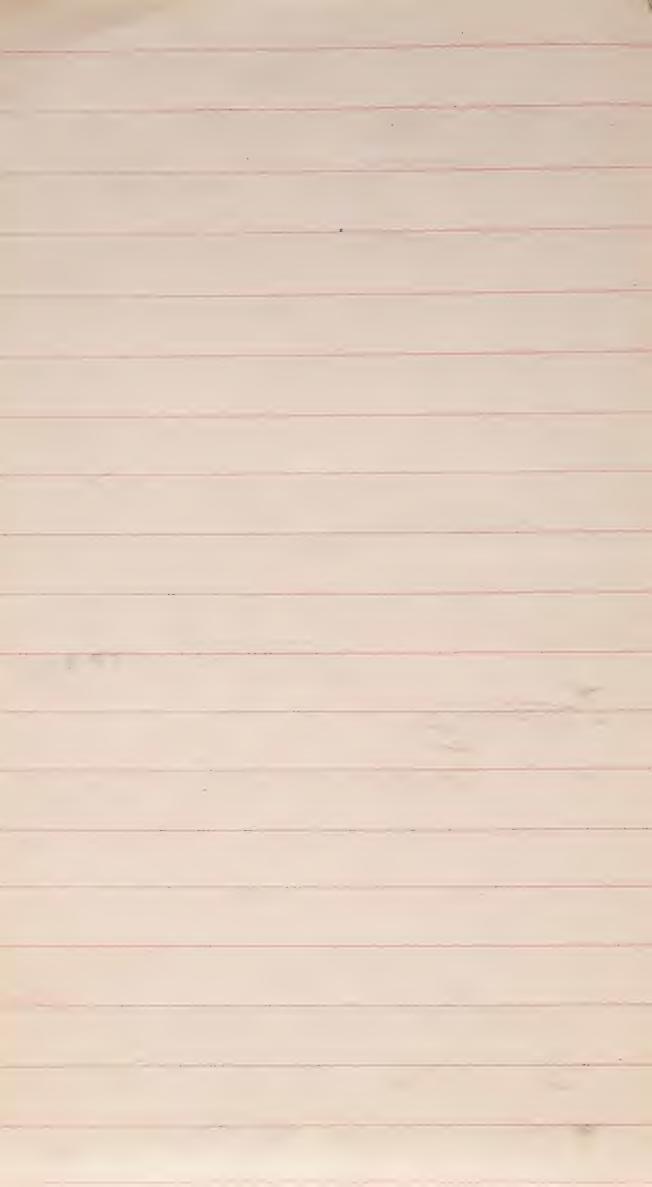
17/0> Elepaso dength 5.65, Mang 2.80 Poul 2.45. Comm. 90 For de5; tenem 50, Marile a soul 8 moderne male o. Found on House's Rauch, about 14 mile below Vokehijat slove fuce) at >. 800 fut elevatine on Dec. 2). 1903. Lisa new speciax, or belongs to me of the two species and this # 108. Theodopaux vues. Amoste 4.51, Mary 2.60, Facel 1.68 Foc. 65 Forsus. 95 - Leulman. 60 Depth of beak .23 inches male, adult d. Nousan Arras lande, at 1000 pt heating in feld about borner want therefula, on N cers). 1203.



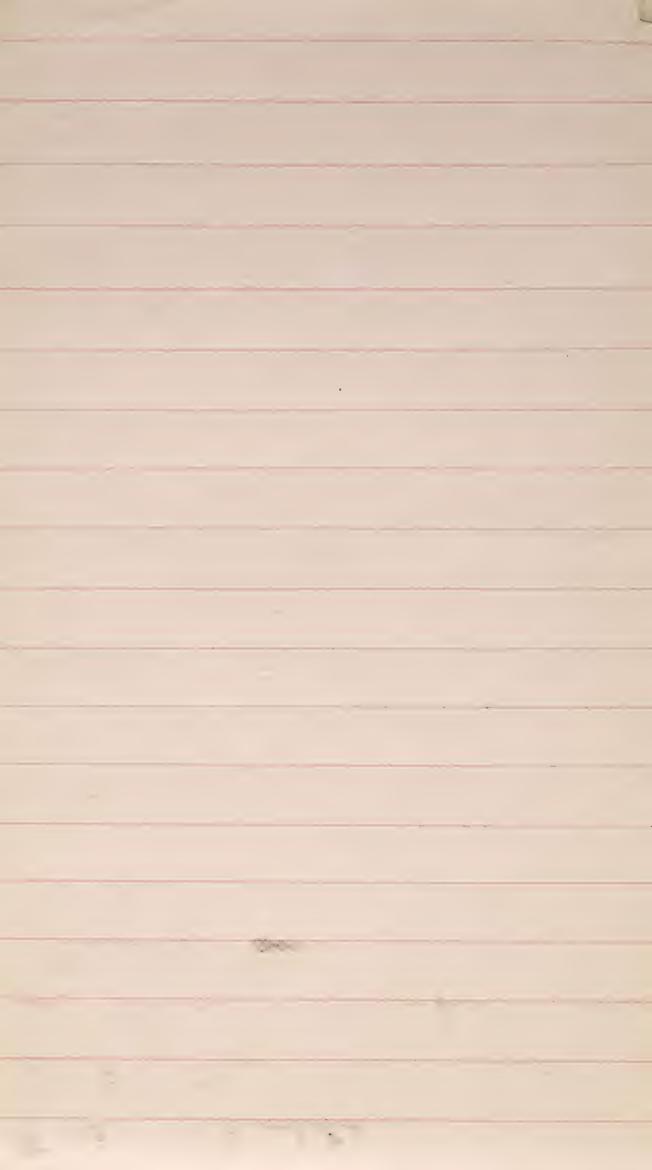
Sugtr 5.38 Ming 3.07 Face 1 60, For , 83 Janua ,95 Commen ,96 Defter of beak . 35? male of Fisticles unlarged Found in held other a de of the Halapula gulch, above the Warmer was, a some trefferental part, amoung the manuale atabat 6.800 futulisation, on Anneis Kourch, Diex 217. #110. O may is mana. Langth 4.50 Hong 2.60, Jan 1.50 For. 67 Farsus . 92 toulum. 54 de fth f beak . 20 inste Amale &, overes enlarged and colored, shows signs of building, as some eggs are almost wholly developed. Tourd in the some field as # 107. on Nec. 2). 1903 at 3.20 0.2 dent la trulle may 20



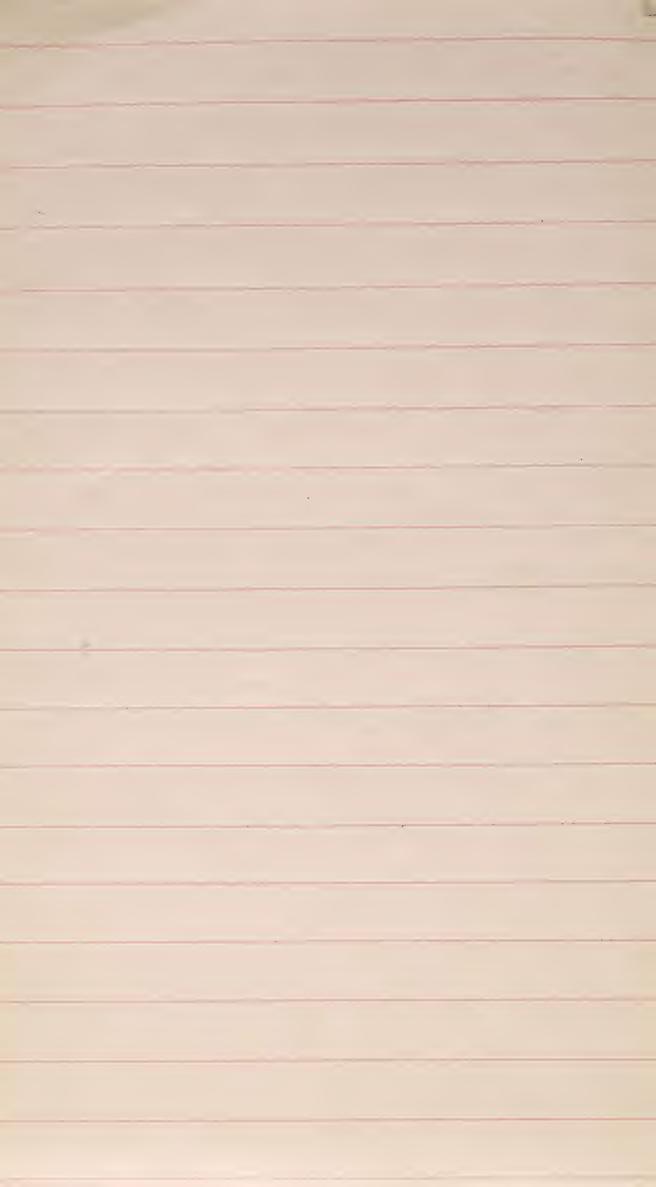
77/11 Sopiondes balleau (Palela) durgth 6, 53, Wmg 5, 50, Fail 2, 55, Foc. 90 Torsus 1.00 Coulmen, 53, Depth of beak. 40 male Town in more frames #108, milest the some place, allows to the same place Must deformed the Soproidie met last annen on Annie March, Dec. 2), 1:03, morning die manner. Ormale 2. Evaras very small. Mamametrees in bloom nowheavily. Dec. 27.1703. successional line, and the flavor of the second



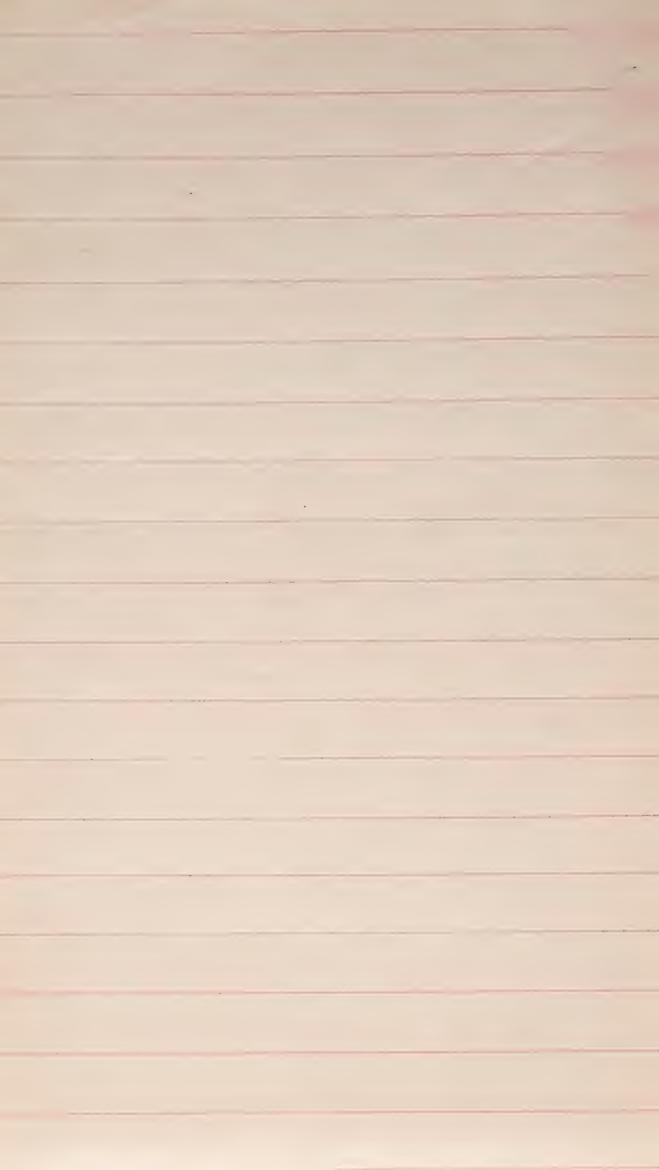
1/2. Chlorodrepanis Lingth " Wing , W. Fail is Farsus . 82 For the Ceulmen , Depth of beak :) moher. Simale, J. Varas vuysmall. 3? - premers unique trace Menden in arredit i pe dock set 68,90, 45 The Market Truller on the 74,61,7,101,9,102, 64, 97, 110, 79, 102, 5, 785 40, 42,47,66,72,53 35,83,76,2,37,95,116,108 74,45,11,73,73, 704, huar 24, 04 litation. willer.



Alle adignation of the # 1/3. Lingth 4.15, Wary 3.28, Fail down mundiple .57, mile-Assurate sice for it of social interesting one or Minimum Minimum at 58 15 5 de au on June 2> 1704, m. Un Long hue. Black low mall of Fosticies very lorge. 7 114. Allendrynden den mie, den 5.90, 1. 1 73.43 Jack 1.87, Jawas, 99, James .92, Asiver Mandrete. 55 miles, The .85 miles Hornolynic i an altile and more Joseph . Atomick to me on June 2 Jett 34 235 P. Julium - Canarama Ause, atomic >,800 il monthe Buch and requiring to mit,



Arms Callania en had 2 roger an , withere Un elm est had range it June of 1914 mear from When Atrices Marion July 11. 1904. manaire tues are consumptions to the firmer. The lieux imaline - an tenarel des are the select our mentions of our about injurious id multipond min en entit Mat was been found fures. all drawl desir engineers le l'interior le the well and a may - in it out 3 of Miner and alleria. The records



1 115. - Dewi som two or 3 months old, in of this years harine. Found in Maala luchat >625 t development in a reconstruction tues, budly were as I was very our la dini inch . The lease our about regleting in in intermed from a to 30 - 40 feet. A lighter epant of mest oran the sound however elements en entre de montre Bill shotana set, stime Mul full its very young. Angli alest 4. 65 in anne. Hing about 2.82 in the Amazina later mot frifiches grown, loud in muste mundary format strape. Deligite 1914



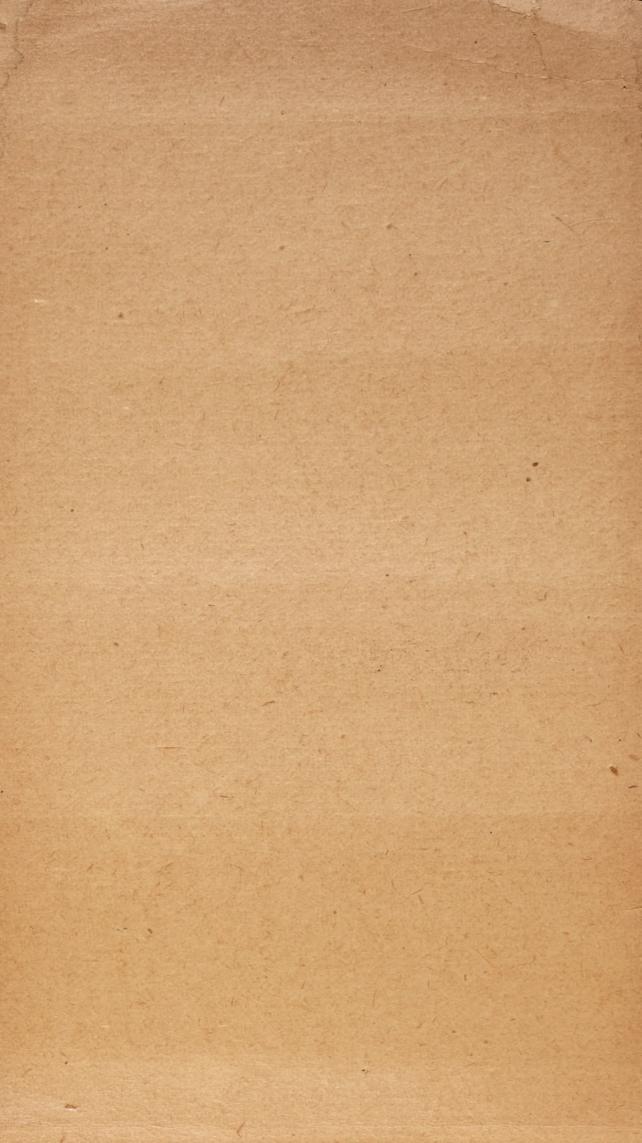
juvenile hanner. Frank in apprendent of the contract Marrialiae ojulch at about 3700 ft elevation. Imagli 5,15 7 1 110 290 inches. Junyell. 1804 F/12 breenythe Buana. Ingth 4.34 Wings. 51 moders. Found in file to Min Lobelle about the reach wire media Burname him, In grad flumenge west menter of which will a same hade au. Jugill. 1914 10-1



118. O. mana. Bit m good plumage, wings not fully feathered etc. Found on Somes Rauch m Raala fuld near Pokehe,>800 ft elevation July 11.1904. Lingth about 4:33 inches. # 179. Hawk. Plukurhalos.
Aanvan Feb. 28.1906. Elwatin
1750 ft. # 120 Eleproir, Mukurhalac Harveiri, Elevation 1800 ft. Feb. 28. 1906. Langth 5.50 inches mate of mor signs of heeding.

Androget sometime Wilkie Ceolhin - The monstone. Edgan A. Pois = The Murders in the Rue Inogne" aleo:
Alickins J Scott.

Slevie J Scott. Jame Andring Denge Eliott
Stronge Ineradith
Thomas Aardy Mashington Diving are Lucas June 1902 pp. 340



- Chester. E. Blacon.

Stenographic Notes.